

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

February 24, 1992

92-RF-1723

Robert M. Nelson, Jr.
Manager
DOE, RFO

Attn: F. R. Lockhart

AIR EMISSIONS FOR THE OU 1 IM/IRA, 881 HILLSIDE TREATMENT SYSTEM - JEE-129-92

A bench-scale test to evaluate the ultraviolet (UV) hydrogen peroxide treatment system for Operable Unit No. 1 (OU 1) for the Interim Measure/Interim Remedial Action (IM/IRA) was conducted September 21, 1991 at Peroxidation Systems, Inc. (PSI) in Tucson, Arizona. During this test a sample of the gas from the head space in the feed reservoir was taken and later analyzed using Environmental Protection Agency (EPA) method TO-14 for volatiles. The results of this analysis are enclosed. These values might not be representative of the actual system since the sample was a grab sample during the start of the test and since the bench-scale system was open to the atmosphere. Further information will be incorporated into the bench-scale test report currently under preparation.

No modifications to the treatment system are currently planned. To ensure that air emissions are acceptable and that process modifications are not required, further sampling will be performed as part of the Systems Operation (SO) Test. An Air Pollution Emission Notice (APEN) report will be submitted and is being prepared by Environmental Management.

If you have any questions or require further information, please call M. C. Burmeister of Remediation Programs at extension 5891 or C. D. Cowdery of Environmental Research and Technology at 273-6030.

J. E. Evered
J. E. Evered, Director
Environmental Management

CDC:cet

Orig. and 1 cc - R. M. Nelson, Jr.

Enclosure:
As Stated

cc:
S. R. Grace - DOE, RFO

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